

## INSTRUCTIONS FOR TOTAL NITRATE/NITRITE SAMPLE COLLECTION

(Please read all instructions before collecting)

1. The Total Nitrate/Nitrite sample kit consists of: instruction form, analysis request form, and 1-125ml plastic bottle containing a disk with acid preservative.
2. The following instructions describe the method of collection:

Do not rinse the sample container or discard the acid preservation disk! The filter disk is saturated with 50% sulfuric acid (see precautions) and is used to preserve the sample for the analysis of total nitrate/nitrite.

  - a. Flush the sample tap for five (5) minutes prior to collecting the sample.
  - b. Reduce the flow of the water and fill the sample container to the shoulder of the bottle. Replace and tighten the cap to prevent sample leaking.
3. Complete the analysis request form with the indication that the total nitrate/nitrite test is desired.
4. Place the sample bottle and analysis request form in the mailing container and return to the ISDH as soon as possible (within 72 hours).

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### **WARNING**

*The Indiana State Department of Health assumes no liability for the use of this kit.*

Precautions In Sample Collection for Total Nitrate/Nitrite Analyses:

**CAUTION:** Do not rinse out the bottle.

**CAUTION:** Do not fill the bottle past the shoulder of the sample container.

**CAUTION:** Do not contaminate the contents of the filled bottle.

**CAUTION:** The filter disk in the sample bottle is saturated with 50% sulfuric acid which is very corrosive and must remain in the bottle at all times. Sulfuric acid can burn the skin. If acid gets on the skin, immediately drench the area with cold water for 3 to 5 minutes. All burns of any significance should be treated by a physician.